

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L59   | 7199 | (fax or facsimile) and (clos\$3 nea4 line) and (hook)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:59 |
| L60   | 43   | (fax or facsimile) and (clos\$3 nea4 line) and (((disabl\$5 or invalidat\$5) near3 (hook))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 17:06 |
| L61   | 301  | (fax or facsimile) and (clos\$3 nea4 line) and (((disabl\$5 or invalidat\$5) near3 (key\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 17:12 |
| L62   | 62   | 61 and ((paper or toner or drum or ink) near3 out)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 17:07 |
| L63   | 2    | (fax or facsimile) and (clos\$3 nea4 line) and (((disabl\$5 or invalidat\$5) near3 (key\$4)) same ((paper or toner or drum or ink) near3 out)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 17:19 |
| L64   | 50   | (fax or facsimile) and ((paper) near3 out) and (toner near3 out) and (memory near3 (out or empty or space))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 17:20 |

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L12   | 24634 | ((fax or facsimile) and (record\$5 or print)).ab.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 13:34 |
| L13   | 292   | 12 and ((record\$5 or print\$5) with (fail\$5 or malfunc\$5))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:42 |
| L20   | 1206  | 12 and (detect\$5 with (paper or toner or drum))                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:20 |
| L21   | 53    | 20 and ((record\$5 or print\$5) with (fail\$5 or malfunc\$5))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:26 |
| L22   | 2     | 21 and ((disabl\$5 or invalidat\$5) with (key or keypad or operat\$5))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:30 |
| L23   | 13    | 20 and ((disabl\$5 or invalidat\$5) near5 (key or keypad or operat\$5))    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:35 |
| L24   | 1     | 20 and ((disabl\$5 or invalidat\$5) near5 (key or keypad))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:36 |
| L25   | 4221  | ((disabl\$5 or invalidat\$5) near5 (key or keypad))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:36 |
| L26   | 101   | 25 and ((fax or facsimile) near6 (transmi\$7 or (recept\$5 or receiv\$5))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:37 |
| L27   | 29    | 26 and "358".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:41 |
| L28   | 69196 | murata.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:41 |

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|-----|------|--|---|----|----|------------------|
| L29 | 6368 | 28 and (fax or facsimile)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:42 |
| L30 | 50   | 29 and ((record\$5 or print\$5) with<br>(fail\$5 or malfunc\$5)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:43 |
| L31 | 2    | 30 and ((disabl\$5 or invalidat\$5)<br>with key)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:44 |
| L32 | 9    | 30 and ((disabl\$5 or invalidat\$5) )                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:44 |

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L12   | 24634 | ((fax or facsimile) and (record\$5 or print)).ab.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 13:34 |
| L13   | 292   | 12 and ((record\$5 or print\$5) with (fail\$5 or malfunc\$5))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:42 |
| L20   | 1206  | 12 and (detect\$5 with (paper or toner or drum))                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:20 |
| L21   | 53    | 20 and ((record\$5 or print\$5) with (fail\$5 or malfunc\$5))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:26 |
| L22   | 2     | 21 and ((disabl\$5 or invalidat\$5) with (key or keypad or operat\$5))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:30 |
| L23   | 13    | 20 and ((disabl\$5 or invalidat\$5) near5 (key or keypad or operat\$5))    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:35 |
| L24   | 1     | 20 and ((disabl\$5 or invalidat\$5) near5 (key or keypad))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:36 |
| L25   | 4221  | ((disabl\$5 or invalidat\$5) near5 (key or keypad))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:49 |
| L26   | 101   | 25 and ((fax or facsimile) near6 (transmi\$7 or (recept\$5 or receiv\$5))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:37 |
| L27   | 29    | 26 and "358".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:41 |
| L28   | 69196 | murata.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 14:41 |

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|-----|------|---|---|----|----|------------------|
| L29 | 6368 | 28 and (fax or facsimile)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:42 |
| L30 | 50   | 29 and ((record\$5 or print\$5) with (fail\$5 or malfunc\$5))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:43 |
| L31 | 2    | 30 and ((disabl\$5 or invalidat\$5) with key)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:44 |
| L32 | 9    | 30 and ((disabl\$5 or invalidat\$5) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:44 |
| L33 | 3    | ((disabl\$5 or invalidat\$5) near5 (key or keypad)) with ((record\$5 or print\$5) near5 (fail\$5 or inoperabl\$5))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:52 |
| L34 | 2    | ((disabl\$5 or invalidat\$5) near5 (key or keypad)) with ((fax or facsimile) with (fail\$5 or inoperabl\$6)))       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:53 |
| L35 | 3    | ((disabl\$5 or invalidat\$5) near5 (key or keypad)) same ((fax or facsimile) with (fail\$5 or inoperabl\$6)))       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:54 |
| L36 | 11   | ((disabl\$5 or invalidat\$5) near5 (key or keypad)) and ((fax or facsimile) with (fail\$5 or inoperabl\$6)))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 14:58 |
| L37 | 2    | "5675421".pn. and (incoming)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 15:00 |
| L38 | 2    | "5675421".pn. and (incoming or receiv\$5 or recept\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 15:06 |
| L39 | 2    | "5675421".pn. and ((refus\$5 or impossibl\$5 or ignor\$5) with (incoming or receiv\$5 or recept\$5))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 15:07 |

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L40   | 55952 | ((fax or facsimile) and (record\$5 or print\$5)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:31 |
| L41   | 3     | 40 and (((invalidat\$5 or disabl\$5) near4 (key or keypad or input\$5 or (operat\$5 adj3 unit))) same ((fax or facsimile) with (fail\$5 or malfunction\$5 or inoperabl\$5 or impossible or incapab\$6))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:37 |
| L42   | 5     | (((invalidat\$5 or disabl\$5) near4 (key or keypad or input\$5 or (operat\$5 adj3 unit))) same ((fax or facsimile) with (fail\$5 or malfunction\$5 or inoperabl\$5 or impossible or incapab\$6)))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:39 |
| L43   | 27    | (((invalidat\$5 or disabl\$5) near4 (key or keypad or input\$5 or (operat\$5 adj3 unit))) and ((fax or facsimile) with (fail\$5 or malfunction\$5 or inoperabl\$5 or impossible or incapab\$6)))         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:56 |
| L44   | 11    | 43 and (paper or toner or drum or ink)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:41 |
| L45   | 428   | ((fax or facsimile) near5 (failure))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:26 |
| L46   | 146   | 45 and (paper or toner or drum or ink)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:28 |
| L47   | 85    | 46 and "358".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:00 |
| L48   | 27    | 47 and ((disabl\$5 or invalidat\$5 or deter\$5 or ("not" adj2 allow\$5) or prohibit\$5 or inhibit\$5) with (key or keypad or input\$5 or (operat\$5 adj3 input\$5)))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:23 |
| L49   | 10    | 46 and ((disabl\$5 or invalidat\$5 or ("not" adj2 allow\$5) or prohibit\$5 or inhibit\$5) with (key or keypad or input\$5 or (operat\$5 adj3 input\$5)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:24 |

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| L50 | 3951 | ((fax or facsimile) and ((receiv\$5 or receipt\$5 or (incoming adj3 call)) with (disabl\$5 or refus\$5 or reject\$5)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:28 |
| L54 | 75   | 50 and ((hook\$5) with (disabl\$5 or invalidat\$5 or prohibit\$5 or inhibit\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:43 |
| L55 | 28   | 50 and ((hook\$5) near3 (disabl\$5 or invalidat\$5 or prohibit\$5 or inhibit\$5))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:46 |
| L56 | 23   | (fax or facsimile).ab. and ((hook\$5) near3 (disabl\$5 or invalidat\$5 or prohibit\$5 or inhibit\$5))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:50 |
| L57 | 3    | (fax or facsimile).ab. and (((hook\$5) near5 (disabl\$5 or invalidat\$5 or prohibit\$5 or inhibit\$5)) and ((fax or facsimile) near4 (fail\$5)))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:55 |
| L58 | 3    | (fax or facsimile or communication).ab. and (((hook\$5) near5 (disabl\$5 or invalidat\$5 or prohibit\$5 or inhibit\$5)) and ((fax or facsimile) near4 (fail\$5))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:56 |